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AM1735

Docket No. 49959-013

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Commissioner of Patents and Trademarks
Washington, D.C. 20231

7-8-96



Re: Inventor(s): Ariel Ben-Porath and Mark Wagner
Title: AUTOMATIC DEFECT CLASSIFICATION WITH INVARIANT CORE CLASSES

Transmitted herewith is the patent application identified above, including:

- Specification, claims and abstract, totaling 35 pages.
 Drawings totaling 18 pages, _ Formal Informal.
_ Executed Declaration and Power of Attorney.
_ Assignment of the invention to **Applied Materials, Inc.**
_ Assignment Recordation Cover Sheet

FEE CALCULATION					
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	60	-20=	40	X\$22.00	\$ 880.00
Independent Claims	8	-3=	5	X\$82.00	410.00
Basic Filing Fee				\$790.00	\$ 790.00
TOTAL FEES					\$ 2,080.00

- The Commissioner is hereby authorized to charge \$2,080.00 to Deposit Account No. 01-1651.
 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-1651. A duplicate copy of this transmittal is enclosed.

Please address all future correspondence to:

**PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O.BOX 450A
Santa Clara, CA. 95052**

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Express Mail Receipt No. EM335484259US

Date of Deposit 7-8-96

Signature Beth Mulcahy

Respectfully submitted,

Robert W. Mulcahy
Registration No. 25,496
408-563-2726